CITY OF MILWAUKEE SPECIFICATIONS
BID NO. 16887

CAUTION: A BID THAT DOES NOT FULLY COMPLY WITH ALL OF THE PROVISIONS, TERMS, AND CONDITIONS OF THIS OR ANY ACCOMPANYING SPECIFICATION AND BID, MAY BE DETERMINED AS A COUNTEROFFER AND MAY RESULT IN THE BID BEING REJECTED FOR NON-RESPONSIVENESS.

I. GENERAL: It is the intent of this specification to describe the minimum requirements for Auto Fire Training Simulator to be purchased by the City of Milwaukee Fire Department.
The Auto Fire Training Simulator will be used by Milwaukee Fire Department for training purposes. The Auto prop should be heavy duty with intense propane-based flames, real heat and wireless smart controls. The Auto Prop should include interior compartment, dashboard, engine, and wheel-well fires at the push of a button. Below specifications are required to accept the bid.

II. AWARD AUTHORITY:

The City Purchasing Director will be the sole judge of the quality and suitability of all equipment, materials and/or services in its determination of the successful bidder for all bids.

III. TECHNICAL REQUIREMENTS

BIDDER MUST FILL IN BLANKS TO INDICATE COMPLIANCE, OR STATE EXCEPTION FOR OUR ACCEPTANCE. FAILURE TO COMPLY WITH THIS REQUIREMENT MAY RENDER YOUR BID UNRESPONSIVE.

Spec #	DESCRIPTION	COMPLY		
1.0	DIMENSIONS / MATERIAL	YES	NO	EXCEPTIONS
1.1	Car Prop dimensions: 12’6” x 5’ 6”w x 4’6”h.			
1.2	1/4” and 1/8” all steel construction with protective heat resistant paint. 3 Gauge (1/4”) steel on roof.			
1.3	11 Gauge (1/8”) steel on hood.			
1.4	11 Gauge (1/8”) steel on trunk.			
1.5	11 Gauge (1/8”) steel on right fender.			

	DIMENSIONS / MATERIAL (Cont.)	YES	NO	EXCEPTIONS
1.6	11 Gauge (1/8") steel on left fender.			
1.7	11 Gauge (1/8") steel on driver door.			
1.8	11 Gauge (1/8") steel on passenger door.			
1.9	11 Gauge (1/8") steel on driver seat.			
1.10	11 Gauge (1/8") steel on passenger seat.			
1.11	11 Gauge (1/8") steel on steering wheel.			
1.12	11 Gauge (1/8") steel on dashboard and other ancillary areas.			
1.13	1/3"+ (.354") C Channel galvanized steel frame.			
2.0	FEATURES	YES	NO	EXCEPTIONS
2.1	Pry-able and Roll-able Hood for hood rolling and piercing drills.			
2.2	Integrated Cooling System - Cooling piping shall be built into the vehicle itself and connect to a standard garden hose, allowing for long duration fire simulations. Cooling system shall protect the entire passenger and engine compartments.			
2.3	Controllable smoke output and density Level			
2.4	Ability to choose between continuous run and adjustable intermittent run features			
2.5	Digital smoke liquid reservoir display (shows amount of smoke liquid remaining)			
2.6	Driver and passenger seat backs, steering wheel, hood prop bar			
2.7	Hinged hood, trunk, and passenger doors			
2.8	Integrated front tire fire simulator			

	FEATURES (Cont.)	YES	NO	EXCEPTIONS
2.9	Industrial gauge integrated steel casters for moving car prop			
2.10	Hoses are 1/4" braided S/S • Max pressure 300 psi • Max Temp 1,200 F			
2.11	Trunk Space is aprox. 16" x 60"			
2.12	Door opening is approx. 38" x 38"			
2.13	Hinges are weld-on slip joint hinges			
3.0	HOSE LINE TRAINING SYSTEM	YES	NO	EXCEPTIONS
3.1	Pilot box, control console and burn tray			
3.2	Stainless steel construction for all components.			
3.3	Engineered for use with hand lines, CO2, and water extinguishers			
3.4	CSA Approved and UL Listed continuous burn forced air pilot control box with four burn zones for realistic fire simulation.			
3.5	Removable pilot box must be able to be used with other props or fire trays			
3.6	Stainless Steel 4' x 6' fire tray capable of producing 90 million BTUs.			
3.7	Fire tray shall be capable of being positioned independently to simulate a fuel spill, or can be used in conjunction with future props.			
3.8	Pilot boxes controlled simultaneously by a single UL Listed mobile control console: • Console shall interface between prop and upstream propane and power supply. The system shall house core propane and power components, control components, wireless remote components, and built in E-stop button.			

	HOSE LINE TRAINING SYSTEM (Cont.)	YES	NO	EXCEPTIONS
3.9	Must include 50 foot propane hose with self-sealing quick disconnect fittings, specifically designed to prevent gas leaks up to 250psi.			
3.10	Power cable to connect to customer's power supply.			
3.11	Wireless Remote control with the following components: • Rugged, industrial grade hand-held wireless remote control • Controls fire simulation systems including four fire zones and add-on fires independently and simultaneously • Deadman button • Controls smoke effect • Emergency Stop button for rapid shutdown • Allows trainer to have 365 degree access to prop without being bound by wires			
4.0	Training & Warranty	YES	NO	EXCEPTIONS
4.1	Vendor must include a 10-year construction warranty on the Vehicle Prop and a one year comprehensive warranty on all parts and components.			
4.2	Installation, Set-up and training for up to 10 personnel			
4.3	User manual and toll free technical support			

IV. VENDOR REQUIREMENTS:

Vendor must supply third party environmental test report on the smoke emissions showing air sampling data for fire training exercises and should be included with your bid.

Will you comply with these requirements? Yes___ No___

V. QUALITY:

Vendors and/or the manufacturers of materials supplied to the City of Milwaukee shall inspect all of the materials for compliance with the appropriate City specifications prior to their shipment to the City.

A. Materials that found to be non-complaint for whatever reason will be rejected and returned for full credit, including shipping costs.
B. Vendors and/or manufacturers who ship materials that are found to be non-complaint will also be responsible for the following:
    a. Reimbursing the City for the cost of inspecting the materials that are rejected.
    b. Reimbursing the City for the difference in cost between the open market and the bid price for the rejected materials.
    c. Providing the City with the necessary information for the return of the rejected materials (i.e. RGA #, Return Address, etc.) within ten (10) calendar days of receiving a written notification of rejection, and making arrangements for the pickup of the rejected materials.

NOTE: Rejected materials must be picked up within twenty-five (25) working days of providing the City with the return goods information. If they are not picked up, they will be scrapped.